United States Coast Guard

TANKSHIP INSPECTION BOOK

Name of Vessel		
Official Number	**Class**	
Date Completed	**Location**	
Vessel Built in Compliance with SOLAS:	**60** **74** **74/78** **N/A**	
Route		
Oceans	Limited Coastwise	Lakes / Bays / Sounds
Coastwise	Great Lakes	Rivers
Inspection Type		
Inspection for Certification (COI)		Reinspection
Inspectors		
1. _____		**3.** _____
2. _____		**4.** _____

CG-840 TS
Rev. 1/99

Deficiency	MSIS Code	Req't. Issued / Date Completed

Deficiencies identified should be listed with MSIS codes. At completion of inspection/examination, any outstanding deficiencies shall be entered in MIDR or PSDR as appropriate. All deficiencies found (outstanding and completed) shall be entered in the Deficiency Summary. Worklist items, which serve only as memory joggers to complete inspection/examination (e.g., test emergency fire pump), should not be coded as deficiencies.

MSIS Codes for Deficiencies:

BS	Ballast	**DC**	Dry Cargo	**IC**	I/C Engine
BI	Bilge	**ES**	Electrical	**LS**	Lifesaving
BA	Boiler, Aux.	**FF**	Firefighting	**MI**	Miscellaneous
BM	Boiler, Main	**FL**	Fuel	**NS**	Navigation
CS	Cargo	**GS**	General Safety	**PP**	Propulsion
DM	Deck Machinery	**HA**	Habitation	**SS**	Steering
DL	Doc., Lics., Pmts.	**HU**	Hull		

Use of Tankship Inspection Book:

This inspection book is intended to be used as a job aid by Coast Guard marine inspectors during inspections of U.S. flagged tankships. The lists contained within this book are not intended to limit the inspection. Each marine inspector should determine the depth of inspection necessary. A checked box should be a running record of what has been inspected. It does not imply that the entire system has been inspected or that all or any items are in full compliance. This job aid does not constitute part of the official inspection record.

This document does not establish or change Federal laws or regulations. References given are only general guides. Refer to IMO publications, CFR's, NVIC's or any locally produced cite guides for specific regulatory references. Not all items in this book are applicable to all vessels.

NOTE: *Guidance on how to conduct inspections of U.S. flagged tankships can be found in the Marine Safety Manual (MSM) Volume II, Chapter 6: Inspection of Vessels for Certification. All MSM cites listed in this book refer to MSM Volume II unless otherwise indicated.*

Guide to Examinations:

☐ All vessels

○ Vessels carrying dangerous cargoes in bulk

Pre-inspection Items:

- Review MSIS records.
  - MIPIP
  - MICOI
- Obtain copies of forms to be issued.

Post-inspection Items:

- Issue letters/certificates to vessel.
- Complete MSIS entries.
  - MIAR
  - MSDS
  - MIDR
  - VFLD
  - VFID
- Initiate Report of Violation (ROV) if necessary.

Recommended US Vessel Deficiency Procedures:

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Identify deficiency.</td></tr>
<tr><td>2</td><td>Inform vessel representative.</td></tr>
<tr><td>3</td><td>Record on the Deficiency Summary Worksheet (next page).</td></tr>
<tr><td>4</td><td>If deficiency is corrected prior to end of inspection, go to Step 7.</td></tr>
<tr><td>5</td><td>If deficiency is unable to be corrected prior to end of inspection, issue CG-835 in accordance with table below.
<table>
<tr><th>IF deficiency:</th><th>THEN issue CG-835:</th></tr>
<tr><td>Does NOT immediately impact crew/passenger safety, hull seaworthiness, or the environment, e.g.,
• Missing placards
• Non-metallic expansion joints more than 10 years in service</td><td>That provides a specific time for correcting deficiency, e.g.,
• “X” number of days
• At next drydock</td></tr>
<tr><td>Allows vessel operations to be MODIFIED to meet less stringent requirements, e.g.,
• Expired international certificates
• Automation defect</td><td>That restricts operation of vessel to meet current vessel conditions, e.g.,
• Reduced route
• Increased crew</td></tr>
<tr><td>DOES immediately impact crew/passenger safety, hull seaworthiness, or the environment, and cannot be modified to meet less stringent requirements, e.g.,
• Missing or defective firefighting equipment
• Structural defect or damage</td><td>That requires the deficiency to be corrected prior to operating vessel (“NO SAIL” item), e.g.,
• Prior to carrying cargo</td></tr>
</table></td></tr>
<tr><td>6</td><td>Enter CG-835 data in MIDR.</td></tr>
<tr><td>7</td><td>Enter deficiency data in MSDS.</td></tr>
<tr><td>8</td><td>Initiate Report of Violation (ROV) if necessary.</td></tr>
</table>

Section 1: Administrative Items

IMO Applicability Dates:

Reference	Date
SOLAS 1960	26 MAY 65
SOLAS 1974	25 MAY 80
1978 Protocol to SOLAS 1974	01 MAY 81
1981 Amendments (II-1 & II-2)	01 SEP 84
1983 Amendments (III)	01 JUL 86
Various additional amendments to SOLAS	
MARPOL 73/78 Annex I	02 OCT 83
MARPOL 73/78 Annex II	06 APR 87
MARPOL 73/78 Annex III	01 JUL 92
MARPOL 73/78 Annex V	31 DEC 88
IBC Code	After 01 JUL 86
BCH Code	Prior to 01 JUL 86
IGC Code	After 01 JUL 86
IGC Code (for existing vessels)	Prior to 01 JUL 86
COLREGS 1972	15 JUL 77
Various additional amendments to COLREGS	
Load Line 1966	21 JUL 68
STCW 1978	28 APR 84
1991 Amendments	01 DEC 92
1994 Amendments	01 JAN 96
1995 Amendments	01 FEB 97

Cargoes Requiring a Response Plan:

Type of Cargo	Name of Cargo		
Asphalt Solution	• Blending stocks	• Roofers stock	• Straight run residue
Animal Oils	• Tallow • Lard • Stearic acid	• Olive acid • Sperm oil	• Fish oil • Fish liver
Distillates	• Flashed feed stocks	• Straight run	
Easenal Oils	• Pinene	• Turpentine	• Dipentine
Edible Oils	• Corn • Coconut	• Soybean • Olive	• Cotton seed
Gasolines	• Automotive • Aviation • Casinghead	• Polymer • Straight run • Gas, oil cracked	• Akylates • Reformates
Naptha	• Aromatic • Cracking fraction • Heavy	• Paraffinic • Petroleum • Solvent	• Stoddard solvent • Varnish makers
Oils	• Clarified oil • Crude oil • Fuel oils [# 1 (Kerosene), # 2, # 2D, # 4, # 5, # 6] • Residual fuel oil • Transformer oil • Lube oil and blending stock	• Aromatic oil (excluding vegetable oil) • Mineral oil • Motor oil • Penetrating oil • Spindle oil • Turbine oil • Octene	• Olefin • Animal • Range • Residual • Resin • Road • White (mineral)

Vessel Information:

Classification Society

ISM Issuer: Same as above?

Yes No If not the same, which Recognized Organization? _____

NOTE: *The period of validity for ISM documents should correspond to the following list. If they do NOT, ISM documents should be further investigated.*

☐ *5 years = Full term (SMS and DOC)* ☐ *12 months = Interim (DOC)*

☐ *6 months = Interim (SMC)* ☐ *5 months = Short term (SMC)*

Gross Tons	No Change (VFMD)
Net Tons	No Change (VFMD)
Built Date (use delivery date)	No Change (VFCD)
Overall Length (in feet)	No Change (VFMD)

Does vessel meet double-hull requirements?

Yes No If not, vessel must meet requirements by _____ (date) in accordance with 33 CFR Part 157 Appendix G.

Last Three Cargoes

1. _____
2. _____
3. _____

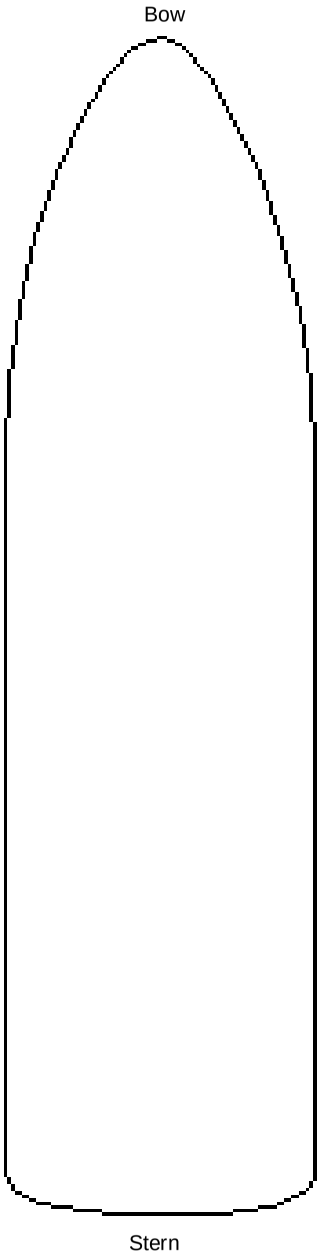
Is pumproom gas-free? Yes No N/A

Vessel Description:

Crude Carrier	Combination
Product Carrier	Oil / Bulk / Ore
Chemical Carrier	Other _____

Section 6: Appendices

Vessel Layout:



- Double hull / bottom / sides
- Ballast tanks (SBT/CBT)
- Chemical tank type: I II III
- Tank arrangement
- Deckhouse location
- External / internal framing
- Layout of pumps – type

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endors. Date
International Load Line (ILL) No Change						
International Oil Pollution Prevention w/Form B (IOPP) No Change						
Certificate of Fitness (COF) No Change	USCG					
International Tonnage (ITC) No Change						
Safety Management (SMC) No Change						
Document of Compliance (DOC) No Change						

Section 5: Drills

☐ Fire Drill:

Initial notifications	Familiarity with duties	Space isolation
General alarms / signals	Familiarity with equipment	Smoke control
Crew response	Fire pumps started	Communications w/ bridge
Properly dressed / equipped	Two jets of water	
Language understood by crew	Fire doors and dampers	

(SOLAS 74/78 III/18.3; MSM Vol. II/22.C.7.i; NVIC 6-91)

Location: _____ Time on Scene: _____

Notes: _____

Logs and Manuals:

☐ Lifesaving equipment maintenance record — 46 CFR 199.190(e); SOLAS 74/78 III/19
- Periodic checks as required
- Visual inspection of survival craft / rescue boat and launching appliances
- Operation of lifeboat / rescue boat engines
- Lifesaving appliances, including lifeboat equipment examined

☐ Emergency training and drills — SOLAS 74/78 III/18
- Onboard training in use of lifesaving equipment (all crew members)
- SOLAS training manual
- Logbook records — 46 CFR 199.180
- Fire and lifeboat drills — SOLAS 74/78 III/18.5
- General alarm tested — SOLAS 74/78 III/25

☐ Bridge log — SOLAS 74/78 V/19; STCW 95 I/14
- Pre-arrival tests conducted — 33 CFR 164.25
- Casualties (navigation equipment and steering gear failures reported) — 33 CFR 164.53
- Steering gear drills — 46 CFR 35.07
- Emergency steering drills

☐ Information available to master (as required) — 46 CFR 42.15-1
- Loading manual — 46 CFR 31.10-32
- Trim and stability book — 46 CFR 45.105(a)

☐ Cargo and ballast system instruction manual — 33 CFR 157.23; 46 CFR 153.806

Pollution Prevention Records:

☐ Oil record book — MARPOL Ax. I/20; 33 CFR 151.25
- Each operation signed by person-in-charge
- Each complete page signed by master
- Book maintained for 3 years

☐ Shipboard oil pollution emergency plan — MARPOL Ax. I/26.1; 33 CFR 151.26
- Approved by Coast Guard / class society
- Contact numbers correct
- Immediate Actions List

Notes: _____

Pumprooms:

○ Ventilation

WARNING: *Pumproom must be adequately ventilated prior to personnel entry.*

- Forced exhaust — 46 CFR 153.310
- Termination of external openings — 46 CFR 153.312
- Intake below and above floor plates
- Operable from outside pumproom
- Adequate volume
- Material condition of ducting

○ Pumps

- Pressure gauges outside pumproom and operable — 46 CFR 153.333
- Type of drive _____
- Material condition

○ Shaft seals (where motor rooms are installed)

- Leakage
- Vapor-tight
- Adequate supply of oil (where required)

○ General

- Hoisting arrangement — 46 CFR 153.332
- Bilge pumping system — 46 CFR 153.334
  - Operational
  - Remote controls
  - High-level alarm

Electrical Systems:

NOTE*: Requirements for inspecting the following electrical items are detailed in Subchapter J as per 46 CFR 153.466.*

○ Explosion-proof lighting fixtures — 46 CFR 111.105

- Tight globe
- Heavy construction
- Explosion-proof seals around cables

Notes: _____

Section 3: Inspection Items for All Vessels

Navigation Equipment:

☐ Navigation publications (as applicable) — 46 CFR 35.20-1, 33 CFR 164.33, SOLAS 74/78 V/20

- Current and corrected charts
- U.S. Coast Pilot
- Great Lakes Pilot
- Sailing directions
- Coast Guard Light List
- Notice to mariners
- Tide tables
- Tidal current tables
- International Rules of the Road
- Inland Rules of the Road

☐ Operationally test radar(s) and ARPA — 46 CFR 32.15-30, 33 CFR 164.35, 33 CFR 164.37, 33 CFR 164.38, SOLAS 74/78 V/12

- 2 required if over 10,000 GT
- Operate independently
- ARPA acquires targets

☐ Compasses — 46 CFR 32.15-35, 33 CFR 164.35, SOLAS 74/78 V/12

- Illuminated gyrocompass with repeater at stand
- Illuminated magnetic compass
- Current deviation table

☐ Test electronic depth sounding device and recorder — 46 CFR 32.15-10, 33 CFR 164.35, SOLAS 74/78 V/12

- Accurate readout
- Test all transducers
- Continuous recorder (chart)

☐ Speed and distance indicator — 33 CFR 164.40, SOLAS 74/78 V/12

☐ Propulsion shaft tachometer — SOLAS 74/78 V/12

Notes: _____

Quick-closing Valves:

NOTE: *Requirements for quick-closing valves are detailed in 46 CFR 153.284.*

- ○ Operation
  - Tested from at least 2 remote locations
  - Closure time < 30 seconds
  - All valves fully closed
  - Pumps automatically shut off
- ○ Capable of local manual operation
  - Reasonably short time
  - Under emergency conditions
- ○ Fusible elements
  - Located at tank domes and loading manifold
  - No paint on face of plug

Venting:

- ○ Type of vent system

Open, gooseneck	
P/V	46 CFR 153.355
High velocity	46 CFR 153.353

- ○ Vent piping
  - No stop valves allowed
  - Bypass capability — 46 CFR 153.361
  - Material condition
  - Segregation
    - Independent
    - Common
    - Portable
  - Agreement with plans
  - Suitable connections for flushing and drainage — 46 CFR 153.362
  - Coated or lined same as tank
  - Prohibited materials — 46 CFR 153.236

Notes: _____

☐ Maneuvering facts sheet with warning statements	33 CFR 164.35
☐ EPIRB (406 MHz) • Float-free arrangement • Battery date current • Hydrostatic release	SOLAS 74/78 IV/7.1.6 46 CFR 199.510 MSM Ch. 18.K NVIC 2-93
☐ GMDSS lifeboat radios (VHF) • 3 if over 500 GT • Operable condition	SOLAS 74/78 III/6.2 NVIC 9-93
☐ 9 GHz radar transponder (SART) • Vessels > 300 GT and < 500 require 1 • Vessels > 500 GT require 2 • Stowed so to be rapidly placed in survival craft, or stowed in survival craft	SOLAS 74/78 III/6.2 NVIC 9-93
☐ NAVTEX	SOLAS 74/78 IV/7.1.4

General Health and Safety:

☐ Hospital and first aid equipment	46 CFR 32.40-35 MSM Ch. 13.C
☐ Operating room explosion-proof	46 CFR 111.105-37
☐ Emergency lighting	46 CFR 112.43 46 CFR 35.10-15 SOLAS 74/78 II-2/43.2
☐ Crew accommodations • Size • Lighting and wiring • Heating • Ventilation • Sanitation • Screens • Insulation • Fire retardant	46 CFR 32.40 MSM Ch. 13.C 46 CFR 31.10-45

Notes: _____

- ○ Crew respiratory / eye protection — 46 CFR 153.527
  - EEBD > 15-minute duration

Cargo Operations:

- ○ Warning signs and signals
  - Red signal visible, light / flag — 46 CFR 153.953
  - Warning signs at gangway — 46 CFR 153.955
    - "Warning"
    - "Dangerous Cargo"
    - "No Smoking"
    - "No Open Lights"
- ○ Portable cargo hose — 46 CFR 153.940
  - Marked or stenciled
  - Date
  - Tested
  - Test pressure
  - MAWP
  - Service temperature
    - Maximum
    - Minimum
  - Test pressure
- ○ Cargo discharge methods
  - Pumproom
  - Deepwell pump
  - Submerged pump
  - Gas pressurization — 46 CFR 153.964
  - Liquid displacement — 46 CFR 153.966

Cargo Tanks:

- ○ Trunks and hatches, ullage openings — 46 CFR 153.256
  - Condition
  - Gaskets
  - Closure
  - Butterworth openings
    - Closed
    - Fitted with flame screens

Notes: _____

- ☐ Pilot ladder and hoists in good condition — 46 CFR 32.90-1, SOLAS 74/78 V/17, MSM Ch. 6.R.3.t, MSM Ch. 6.R.3.u
  - Illumination
  - Spreaders
- ☐ Intrinsically safe portable radios — 46 CFR 35.30-30
- ☐ Safe access to tanker bows (vessels built prior to 1 JUL 98 not required to comply until 1 JUL 2001) — SOLAS 74/78 II-1/3-3

Structural Integrity:

- ☐ Hull structure (list inaccessible compartments or areas) — 46 CFR 31.10-15, ICLL 66 Reg. 1
  - Decks
  - Shell
  - Bulkheads
  - Tank tops
  - Strength members
  - Approved plans on board — 46 CFR 31.10-22
- ☐ Hull openings and closures — 46 CFR 42.13-20, 46 CFR 42.15, MSM Ch. 6.F.5, ICLL 66 Regs. 12 - 23, NVIC 5-82, NVIC 10-82, Change 1
  - Side ports
  - Air ports and dead covers
  - Refuse chutes
  - Cargo tank hatches
  - Butterworth plates
  - Closing devices, gaskets
  - Light / water test
- ☐ Deck openings and closures — MSM Ch. 6.F.5, ICLL 66 Regs. 12 - 20
  - Closing devices
  - Gaskets
  - Light / water test
- ☐ Guards, ladders, rails, and gangways (including accommodation ladders or pilot ladders) — 46 CFR 32.02-10, 46 CFR 32.02-15, ICLL 66 Reg. 25

Notes: _____

☐ MARPOL Annex I survey — 33 CFR 151.09
- Discharge of cargo residue
- Approved monitoring and control system

○ MARPOL Annex II survey — 33 CFR 151.30
- Discharge of cargo residue
- Approved monitoring and control system

Marine Sanitation Devices:

NOTE: *Guidance for inspecting marine sanitation devices is detailed in MSM Volume II, Chapter 18.K.*

☐ Marine sanitation device — 33 CFR 159.55, MSM Ch. 31.F
- Type I
- Type II
- Type III

☐ Certified for inspected vessels — MSM Ch. 31.F.4

☐ Capacity satisfactory — MSM Ch. 18.K.7.d

☐ Installation — 33 CFR 159.57, MSM Vol. IV Ch. 3.K.1
- Operation
- Ventilation
- Wiring and piping
- Maintenance
- Placard posted — 33 CFR 159.59
- Safety
- Accessibility to parts requiring routine servicing
- Manufacturer's instructions available

Notes: _____

☐ Draft marks — 46 CFR 32.05-1
- Legible
- Properly sized
- Properly spaced

☐ Load line marks — 46 CFR 31.25-1, 46 CFR 42.07-5, 46 CFR 42.13-20, ICLL 66 Regs. 4 - 9
- Conform to certificate
- Legible

Ground Tackle:

☐ Anchors — 46 CFR 32.15-15, ABS Rules
- Tested
- Windlass
- Capstans
  - Automatic tensioning device

☐ Mooring, standing and running gear (other than gear covered by Cargo Gear Certificate) — 46 CFR 32.15-15, ABS Rules

☐ Emergency towing arrangements — SOLAS 74/78 II-2/3-4
(vessels ≥ 20,000 DWT only)
- Approved by Administration

Cargo Operations:

☐ Warning notices and signals posted — 46 CFR 35.30-1, MSM Ch. 10.C.4

☐ Pumprooms / pumps — 46 CFR 32.60-20, MSM Ch. 10.C.4
- Pumps and controls — 46 CFR 32.50-1
- Relief valves — 46 CFR 35.35-70
- Cofferdams — 46 CFR 32.55-45
- Ventilation — 46 CFR 32.55-1
- Bulkhead penetrations — 46 CFR 32.50-1
- Bilges clean — 46 CFR 32.52-5
- Free of excessive vapors
- Closures — 46 CFR 34.15-35
- Remote shutdown — 46 CFR 32.50-35
- Electrical controls outside compartment — 46 CFR 111.105

Notes: _____

☐ Firemen's outfits — 46 CFR 35.30-20; SOLAS 74/78 II-2/17.3; NVIC 2-63; NVIC 4-68

- Two lockers
- Four outfits
- Protective clothing
- Helmet, boots, and gloves
- Lamp
- Axe
- Self-contained breathing apparatus and lifeline
  - Spare charges

○ Water spray system — 46 CFR 34.25

- Coverage (all tank domes, cargo manifolds, deck tanks)
- Operation
- Local / remote control
- Manual or automatic
- Tested
- Can operate simultaneously with fire main systems
- Controls marked
- Material condition

Pollution Prevention:

NOTE: *Guidance for inspecting pollution prevention items is detailed in MSM Volume II, Chapter 31.*

☐ Pollution placard posted — 33 CFR 155.450

☐ MARPOL V placard posted — 33 CFR 151.59

☐ Person-in-charge designation — 33 CFR 155.700; 33 CFR 155.820

☐ Fuel oil containment — 33 CFR 155.320

- Portable
- Fixed

☐ Fuel tank vents — 46 CFR 56.50-85

- Flame screens
- Closures

Notes: _____

☐ Cargo tank venting — 46 CFR 32.55-20; MSM Ch. 10.C.4

Common header system

- P/V valves
- Flame arrestors — 46 CFR 32.20-5
- Flush and drain connections — 46 CFR 32.20-10
- Inert gas controls — 46 CFR 151.15-5
- Piping

Independent PV valves — 46 CFR 32.55-20

- Flame screen — 46 CFR 32.20-10

Independent goosenecks — 46 CFR 32.55-25

- Flame screen — 46 CFR 32.20-10
- Closure device

☐ Explosion-proof fixtures — 46 CFR 111.105

☐ Independent tanks — 46 CFR 32.60-30; 46 CFR 153.251

- External examination _____
- Date of internal examination _____
- Date of hydrostatic test _____
- Saddles; foundation and stowage
- Piping and valves
- Relief valves
- Securing devices
- Cargo hose
- Electrical grounding
- Authorized cargo

☐ Weather decks — 46 CFR 111.105

- Sources of vapor ignition
- Doors, ports, scuttles,, gaskets, and closures satisfactory — 46 CFR 32.56-21
- Portable window air conditioners and fans
- Ventilation systems

☐ Air compressor intakes — 46 CFR 32.35-15

- Prohibited locations

Notes: _____

☐ Fixed fire extinguishing systems

46 CFR 34.05-5
46 CFR 34.15
46 CFR 34.17
SOLAS 74/78 II-2/21
MSM Ch. 18.I
NVIC 6-70
NVIC 6-72, Change 1
NVIC 8-73

- Controls, instructions, marking
- Alarms tested
- Piping
- Heads, distribution
- Bottles weighed annually
- Bottles hydrostatically tested (every 12 years) — 46 CFR 31.10-18(a)
- Flexible loops tested or replaced (10% per year)
- Deck foam system — 46 CFR 34.20
- Sea suction, strainers — SOLAS 74/78 II-2/61
- Fixed system tested
- Storage space / door

Type of system: (circle appropriate type)			
Low Pressure CO_2	High Pressure CO_2	Halon	Foam

☐ Foam tanks

46 CFR 34.17
46 CFR 35.40-10
SOLAS 74/78 II-2/61
NVIC 6-72
NVIC 11-82

- Markings
- Test
- Analysis
- Refilled
- Polar / non-polar foam
  - Cargo compatible

☐ Fire main system

46 CFR 34.05
46 CFR 31.10-18(g)
46 CFR 34.10-5
46 CFR 31.10-18(f)
46 CFR 34.10-15(c)
NVIC 6-72, Change 1
SOLAS 74/78 II-2/4
SOLAS 74/78 II-2/21
MSM Ch. 18.I.9
MSM Ch. 19.I.7

- Pumps
- Piping
- Cut-off valves
- Drains

Notes: _____

☐ Closed gauging arrangement — 46 CFR 39.20-3

☐ Liquid overfill protection — 46 CFR 39.20-9

High-level and tank overfill alarms
Alarm with automatic shutdown system
Spill valve
Rupture disk

- Intrinsically safe
- Audible and visual alarms
- Operational test

Lifesaving Equipment:

NOTE: *Exemptions and alternatives for vessels not subject to SOLAS can be found in 46 CFR 199.600.*

☐ General alarms

46 CFR 32.25
46 CFR 113.25
SOLAS 74/78 III/6.4

- Controls
- Batteries and fuses
- Tested
- Markings — 46 CFR 35.40
- Bell locations audible

☐ Type of lifeboat

Davit launched
Free fall

☐ Lifeboats stripped, cleaned and inspected — 46 CFR 199.190(f)

- Date of annual servicing _____

☐ Lifeboats and work boats

46 CFR 199.201
46 CFR 199.202
46 CFR 199.261
46 CFR 199.262
SOLAS 74/78 III/19.2
SOLAS 74/78 III/26
MSM Ch. 6.R.3.e

- Hull and fittings
- Tanks and fittings
- Cradles
- Gripes
- Compressed air cylinders
- Markings — 46 CFR 199.176

Notes: _____

☐ Lifefloats and buoyant apparatus — 46 CFR 199.640
- Equipment
- Stowage
- Markings

☐ Line-throwing apparatus — 46 CFR 199.170, SOLAS 74/78 III/17, MSM Ch. 6.R.3.s, NVIC 8-69
- Equipment
- Required drills held
- Magazine
- Type _____

☐ Lifebuoys — 46 CFR 199.70(a), SOLAS 74/78 III/7, SOLAS 74/78 III/27, MSM Ch. 6.R.3.i
- Lights
- Lines
- Smoke signals
- Stowage
- Markings

☐ Lifejackets — 46 CFR 199.70(b), SOLAS 74/78 III/7.2.2, MSM Ch. 6.R.3.m, NVIC 2-63, MSM Ch. 6.R.3.q

Adult _____ Children _____
- Retro-reflective tape
- Lights
- Whistles
- Work vests
- Stamped passed
- Number of lifejackets rejected by inspector _____

☐ Lifejacket stowage — 46 CFR 199.70(b), SOLAS 74/78 III/7.2, 46 CFR 199.80(c), 46 CFR 199.70(b)(2), 46 CFR 199.80(c), 46 CFR 199.217
- Required notices and markings
- Stowage lockers
- Wearing instructions
- Location instructions (passenger vessels)

☐ Work vests — 46 CFR 35.03, 46 CFR 35.03-5, 46 CFR 35.03-15
- Approved type
- Stowage

☐ Stateroom notices posted — 46 CFR 199.80(c)

Notes: _____

Item Number	Item	International Voyage		Short International Voyage	
		Lifeboat	Rescue Boat	Lifeboat	Rescue Boat
29	Signal, smoke	2		2	
30	Signal, hand flare	6		6	
31	Signal, parachute flare	4		4	
32	Skates and fenders[8]	1	1	1	1
33	Sponge[7]		2		2
34	Survival instructions	1		1	
35	Table of lifesaving signals	1		1	
36	Thermal protective aids[9]	10%	10%	10%	10%
37	Tool kit	1		1	
38	Tow line[10]	1	1	1	1
39	Water (liters/person)	3		3	
40	Whistle	1	1	1	1

Footnotes:

1 Each rigid liferaft equipped for 13 persons or more must carry two of these items.
2 Not required for boats of self-bailing design.
3 Not required for inflated or rigid-inflated rescue boats.
4 A hatchet counts towards this requirement in rigid rescue boats.
5 Oars are not required on a free-fall lifeboat; a unit of oars means the number of oars specified by the boat manufacturer.
6 Rescue boats may substitute buoyant paddles for oars, as specified by the manufacturer.
7 Not required for a rigid rescue boat.
8 Required if specified by the boat manufacturer.
9 Sufficient thermal protective aids are required for at least 10% of the persons the survival craft is equipped to carry, but not less than two.
10 Required only if the lifeboat is also the rescue boat.

Notes: _____